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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)
Rama Ratnam et al.) Before the Examiner
Application No.: 10/807,885)
Filed: March 24, 2004) Group Art Unit
DETERMINING REVERBERATION TIME)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

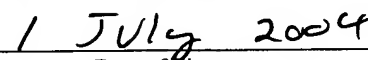
Sir:

Pursuant to the duty of disclosure in accordance with 37 C.F.R. §1.56, Applicants wish to bring to the attention of the Examiner the items of information listed on the enclosed Supplemental Information Disclosure Citation Form. This information has not been previously submitted in this application, and has not been cited previously by the Examiner. Copies of the references are enclosed in accordance with 37 C.F.R. §1.98.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 1, 2004.

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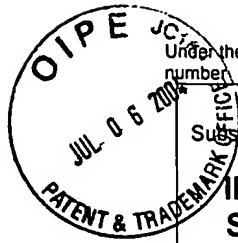
This IDS is being filed prior to the mailing of the First Office Action. Accordingly, it is believed that no fee is due. However, should any fee be required, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted:

A handwritten signature in black ink, appearing to read "L. Scott Paynter", is written over a horizontal line.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/807,885
Filing Date	24 March 2004
First Named Inventor	Ratnam, Rama
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket No.	22010-202

Sheet 1 of 1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
		Attias et al., "Blind Source Separation and Deconvolution: The Dynamic Component Analysis Algorithm", Massachusetts Institute of Technology, vol. 10, pp. 1373-1424, 1998	
		Bell et al., "An Information-Maximization Approach to Blind Separation and Blind Deconvolution", Massachusetts Institute of Technology, Vol. 7, pp. 1129-1159, 1995	
		Chu, W. T., "Comparison of reverberation measurements using Schroeder's impulse method and decay-curve averaging method", Acoustical Society of America, Vol. 63, No. 5, pp. 1444-1450, May 1978	
		Cox et al., "Extracting Room Reverberation Time from Speech Using Artificial Neural Networks", J. Audio Eng. Society, Vol. 49, No. 4, pp. 219-230, April 2001	
		Lebart et al., "A New Method Based on Spectral Subtraction for Speech Dereverberation", Acustica, Vol. 87, pp. 359-366, 2001	
		Nannariello et al., "The prediction of reverberation time using neural network analysis," Elsevier Science Ltd., Applied Acoustics, Vol. 58, pp. 305-325, 1999	
		Schroeder, M.R., "New Method of Measuring Reverberation Time", Acoustical Society of America, pp. 409-412, 1964	
		Schroeder, M.R., "Complementarity of Sound Buildup and Decay", The Journal of the Acoustical Society of America, Vol. 40, No. 3, pp. 549-551, April 1966	
		Tahara, Y et al., "A New Approach to Optimum Reverberation Time Characteristics", Elsevier Science Ltd., Applied Acoustics, Vol. 54, No. 2, pp. 113-129, 1998	
		Xiang, Ning, "Evaluation of reverberation times using a nonlinear regression approach", Acoustical Society of America, Vol. 98, No. 4, pp. 2112-2121, October 1995	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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